

Missouri Guidelines for Newborn Screening Specimens
from
Premature, Low Birth Weight, Sick NICU Infants

Infant Category	1 st Specimen	2 nd Specimen	3 rd Specimen
CORE CATEGORY applies to all NICU infants except those found in the two categories below. See TPN note below.	24 – 48 hrs of age (1)	10 – 14 days of age or at discharge if sooner (2)	NA
RBC transfusion < 24 hrs of age	Collect before RBC transfusion (3)	24 – 48 hrs after RBC transfusion (4)	30 days after RBC transfusion (2)
NOT collected PRIOR to RBC transfusion	24 – 48 hrs after RBC transfusion (4)	30 days after RBC transfusion (5)	90 days after RBC transfusion (6)

TPN Note: Infants on TPN should follow the CORE category above unless one of the other categories apply.

KEY

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<u>Code</u>	<u>Description</u>
1	Specimen provides timely detection of newborn screening conditions.
2	Specimen allows for detection of conditions that may not have been detected in previous specimens.
3	Acceptable specimen for the detection of galactosemia, hemoglobinopathies, and fatty acid conditions.
4	Specimen necessary for the timely detection of conditions other than galactosemia and hemoglobinopathies.
5	Acceptable post-transfusion specimen for the detection of galactosemia.
6	Acceptable post-transfusion specimen for the detection of hemoglobinopathies.